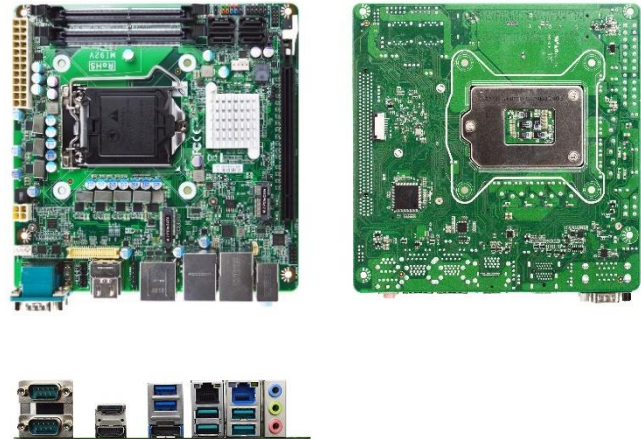


MI92V Series

Mini-ITX Embedded Motherboard, 10th Generation Intel® Core™ i7/ i5 /i3, Celeron & Pentium® LGA1200 Socket Processor, Max. 65W TDPs, 1* GbE, 1* 2.5GbE

Features

1. Intel® 10th LGA1200 Socket Processor (Max. 65W TDP)
2. 2* DDR4 2666/2400MHz SO-DIMM up to 64GB
3. 1* GbE, 1* 2.5GbE
4. 2* HDMI, 1* DP, 1* eDP
5. 2* RS232/422/485, 4* USB3.2 Gen.2, 2* USB3.2 Gen.1, 2* USB2.0
6. 1* PCIe x16 slot, 1* M.2 M-key 2280 (SATA/PCIe x4) support NVMe, 1* M.2 E-key 2230 (PCIe x1/USB2.0) support CNVi
7. 4* SATAIII (6Gb/s) support RAID 0, 1, 5, 10
8. Support onboard TPM 2.0 (MI92V12 only)



intel. FC CE RoHS COMPLIANT

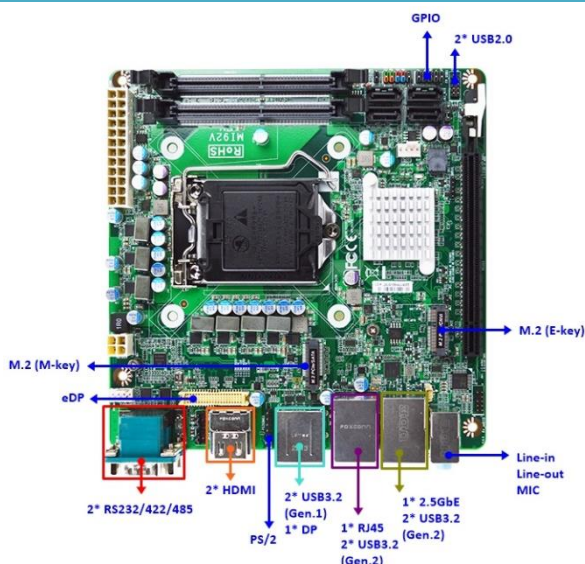
Overview

The JETWAY MI92V10/MI92V12 is Mini-ITX form factor board adopts the Intel® 10th generation Core i7/i5/i3, Pentium & Celeron Processor. The board supports two SO-DIMM DDR4 2666Mhz memory, up to 64GB. Featuring the integrated Intel® Gigabit Ethernet controller, the MI92V10/MI92V12 offers one 10/100/1000 & one 10/100/1000/2500 Base-TX Ethernet devices for network transmission. Four SATAIII (6Gb/s) interface and one M.2 M-key 2280 (SATA/PCIex4) support NVMe offer storage devices. One M.2 E-key 2230 (PCIex1/USB2.0) support CNVi, four USB3.2 Gen.2 ports, two USB3.2 Gen.1 ports, two USB2.0 ports, and two COM ports provide versatile expansion. The PCIex16 slot can support Jetway riser card for different expansion. The MI92V10/MI92V12 offers two HDMI.1.4 port, one DP1.4 port and one eDP port which can support 3 independent displays. Because of the above features, MI92V10/MI92V12 is suitable for Edge Computing, Digital Signage, Industrial PCs, Factory Automation, Public Sector, Digital Security and Surveillance applications.

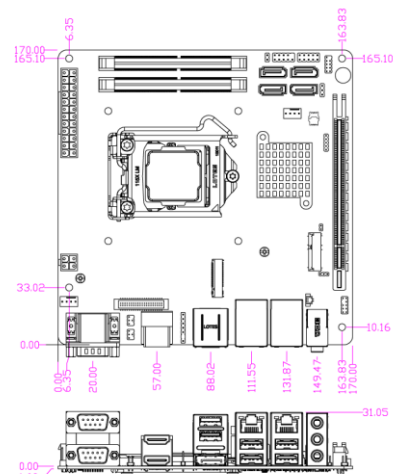
Application

Edge Computing / Digital Signage / Industrial PCs / Factory Automation / Public Sector / Digital Security / Surveillance

I/O Diagram



Mechanical Drawings (Unit=mm)



Specifications

Model	Form Factor
<ul style="list-style-type: none">MI92V10 (Q470E)MI92V12 (Q470E, onboard TPM2.0)	Mini-ITX (6.7-in * 6.7-in, 170 * 170mm)
Processor System	Memory
<ul style="list-style-type: none">Intel® 10th LGA 1200 Socket Core i7/i5/i3/Pentium/Celeron Processor (Max. 65W TDP)Intel Q470E Express chipsetAMI 128Mb Flash ROM BIOS	2* Dual CH non-ECC DDR4 2666/2400MHz SDRAM SO-DIMM up to 64GB
Storage	Expansion
<ul style="list-style-type: none">4* SATAIII support RAID 0, 1, 5, 101* M-key 2280 (SATA/PCIex4) support NVMe	<ul style="list-style-type: none">1* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi1* PCIex16 slot
Ethernet	Graphics
<ul style="list-style-type: none">1 * Intel i219LM GbE1 * Intel i225V 2.5GbE	<ul style="list-style-type: none">Intel® HD Graphics, shared memory1* eDP (Max Resolution: 4096x2304@60Hz)2* HDMI 1.4 (Max Resolution: 4096x2160@30Hz)1* DP (Max Resolution: 4096x2304@60Hz)Support Triple Displays
Audio	Watchdog Timer
6 channel HD audio: Realtek ALC662VD/ALC888S	<ul style="list-style-type: none">From Super I/O to drag RESETCON#256 segments (10sec ~ 255min)
Internal I/O	External I/O
<ul style="list-style-type: none">2* USB 2.01* eDP4* SATAIII1* M.2 M-key 2280 (SATA/PCIex4) support NVMe1* M.2 E-key 2230 (PCIex1/USB2.0) support CNVi1 * PS/21* GPIO (8 bit)1* Chassis intrusion1* Audio Header1* SMBUS1* AT modeSupport onboard TPM2.0 (MI92V12)	<ul style="list-style-type: none">2* HDMI1* DP2* RJ454* USB3.2 (Gen. 2)2* USB3.2 (Gen. 1)Line-in, Line-out, MIC2* RS232/422/485
Power	Compliance
ATX PWR (4+24 pin), AT/ATX Supported - AT: Directly PWR on as Power input ready - ATX: Press Button to PWR on after Power input ready	CE, FCC, LVD, RoHS, REACH
Temperature	OS Support
<ul style="list-style-type: none">Operating Temperature: 0°C ~ 60°CStorage Temperature: -20°C ~ 85°CHumidity: 10% ~ 90% RH @40°C (non-condensing)	Windows 10, Windows 11, Linux
Warranty	
2 Years limited warranty	

* Specifications subject to change without notice, not responsible for typographical errors. Does not include HDD or OS.

Standard Accessories

Part Number	Description
	MI92V Series M/B
F04-MB-081-F	I/O shield
G01-SATA3-BL-1F	2* SATA Cable